AMENDMENT AND RESPONSE UNDER 37 CFR § 1.116

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Title: PROMOTER IN THE METHYMYCIN AND PIKROMYCIN GENE CLUSTER (as amended)

Page 2 Dkt: 600.536US1

In the Specification

Please amend the title as follows:

PROMOTER IN THE FOR METHYMYCIN AND PIKROMYCIN GENE CLUSTER.

Please amend the paragraph on page 17 beginning at line 1 as follows:

Figure Figures 41A-F. Mechanistic models for alternative termination by PikAIV. Proteins PikAIII and PikAIV are stacked one on top of the other according to their order in polyketide biosynthesis (PikAI and PikAII are not shown). A sphere represents an enzymatic domain in the PKSs with its diameter proportional to the size of the domain. Each PKS module/protein was first dimerized (each peptide chain is shown as either red or blue) and then twisted 180 degrees to form a half helix following the model for erythromycin PKS (Staunton et al., 1999). Two sets of independent active sites are thus formed along two grooves of the helix that lead to the production of two polyketides in each biosynthetic cycle. A) Wild type S. venezuelae under culture conditions for pikromycin production. B) Wild type S. venezuelae under culture conditions for methymycin production. C) S. venezuelae AX912 (pDHS704) under culture conditions for pikromycin production. D) S. venezuelae AX912 (pDHS708) under culture conditions for pikromycin production. F) S. venezuelae AX912 (pDHS708) under culture conditions for methymycin production. F) S. venezuelae AX912 (pDHS708) under culture conditions for methymycin production. Gene products expressed from the plasmid construct used for complementation are underlined.